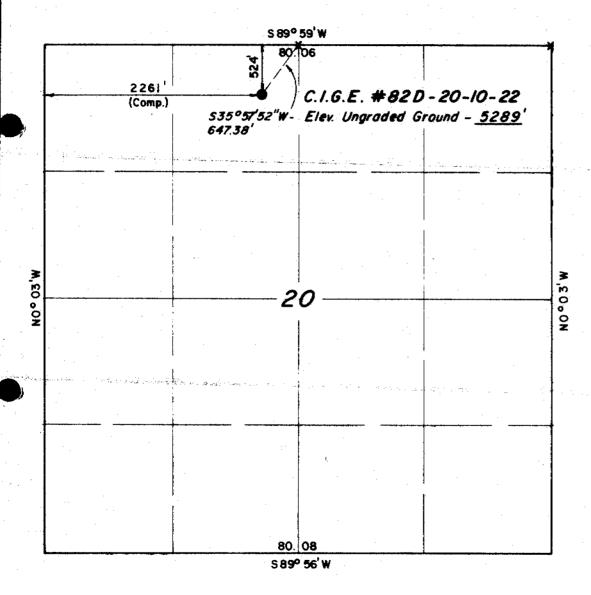
THE STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

SUBMIT	IN	TRIPLIC	ATE*
(Other	inst	tructions	on

	DIVISION OF OI						5. LHAME DESIGNATION AND SERIAL NO.
	D17101011 01 01						ML-22974
APPLICATION	FOR PERMIT T	O DRILL, I	DEEPE)	N, OR F	LUG	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
ia. Type of work	_					🗀	N/A 7. UNIT AGREEMENT NAME
		DEEPEN		PL	UG B	ACK 🗆	
OIL GA	S LL X OTHER		SIN			TIPLE	NATURAL BUTTES UNIT 8. FARM OR LEASE NAME
WELL WE	LL XX OTHER		ZON		ZON	<u> </u>	NATURAL BUTTES UNIT
CIG EXPLORATION	ON. TNC.						9. WELL NO.
3. ADDRESS OF OPERATOR							CIGE 82D-20-10-22
P. O. BOX 749	, DENVER, CO 802	201					10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Re	port location clearly and	in accordance wit	th any St	ate requireme	ents.*)		NATURAL BUTTES FIELD
	TOUT ATE ASSA				t		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone	FWL NENW				Ý.		
SAME							SECTION 20-T10S-R22E
14. DISTANCE IN MILES A	ND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFICE	ı			12. COUNTY OR PARISH 13. STATE
	15 miles south	east of Our					UINTAH UTAH
15. DISTANCE FROM PROPO LOCATION TO NEAREST			16. NO.	OF ACRES IN	LEASE		OF ACRES ASSIGNED THIS WELL.
PROPERTY OR LEASE LINE (Also to nearest drig.	iine, ir any)	524 '		320			160
 DISTANCE FROM PROPO TO NEAREST WELL, DR 	TELEVISION COMPLETED	T / D	19. PRO	POSED DEPTH	1-1-1	أأم	TARY OR CABLE TOOLS
OR APPLIED FOR, ON THU		A/N		6200 ' W	NAM	CIP R	otary 22: APPROX. DATE WORK WILL START*
21. ELEVATIONS (Show when 5289' Ungr. Gi							
7209 Ungr. Gi							January 20, 1981
	P	ROPOSED CASI	NG AND	CEMENTIN	G PROC	GRAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	OOT	SETTING	DEPTH		QUANTITY OF CEMENT
2-1/4"	9-5/8"	36#		200!		125	ax
3-3/4", 7-7/8"	4-1/2"	11.6#		62001		Suff	icient cement to circulate
			-			back	to surface
(2) BOI (3) Sur			cion:				SCI 8 NAL DIVISION OF
as well product	tion hookup to i	follow on S	Sundry	Notice.			MISOSO
zone. If proposal is to opreventer program, if any 24. SIGNED F W (This space for Feder	irill or deepen directions	lly, give pertinen	TLE AC	subsurface	lling	s and measu	roductive sone and proposed new productive tred and true vertical depths. Give blowouter and true vertical depths. DATS January 7, 1981
PERMIT NO.			· · · · · · · · · · · · · · · · · · ·	APPROVAL DAT			
VDDDVhar pa	•	m n	TLE				DEMON PATE
CONDITIONS OF APPROVA		11				A	PPROVED BY THE DIVIS
						· O	FOIL, GAS, AND MINING

*See Instructions On Reverse Side

T105 , R22E , S.L.B.&M.



X = Section Corners Located

PROJECT

C.I.G. EXPLORATION INC.

Well location, C.I.G.E. #82D-20-10-22, located as shown in the NE I/4 NW I/4 Section 20, TIOS, R22E, S.L.B. & M. Uintah County, Utah.

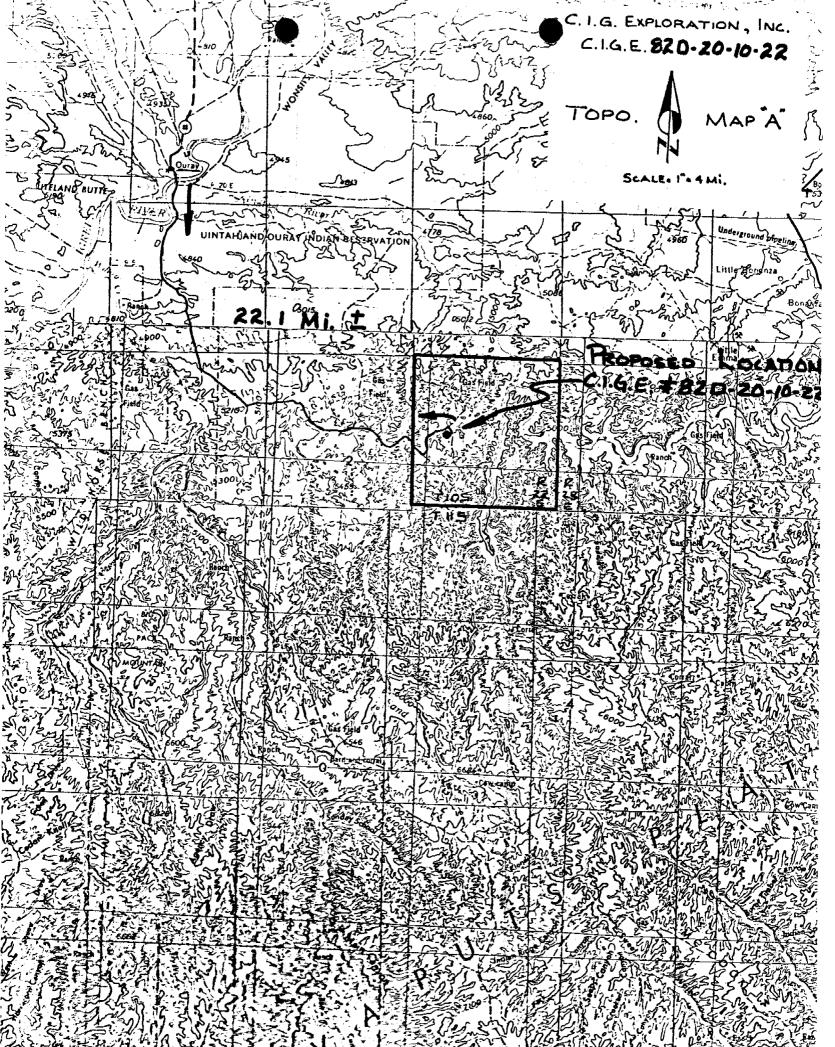
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

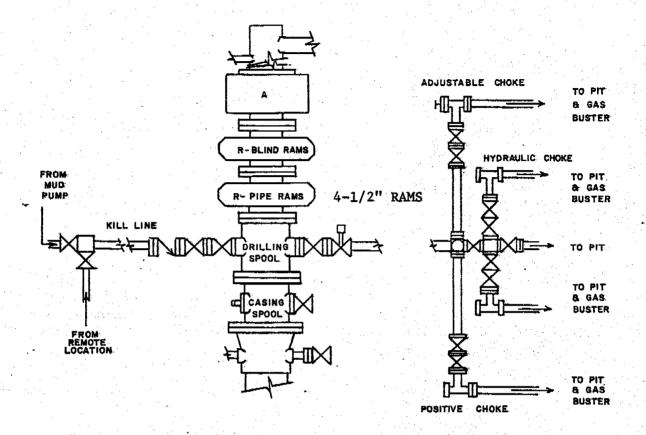
REGISTERED CAND SURVEYOR REGISTRATION Nº 2454

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	-	DATE	1/6/80
PARTY.	LDT TJ	RP	REFERENCES	GLO Plat
WEATHER	Cool		FILE	C.1.G.E



Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

BLOWOUT PREVENTER PROGRAM:

Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing precedures and testing frequency.

Bottom:

3000# BOP W/4-1/" pipe rams 3000# BOP W/blind rams 3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

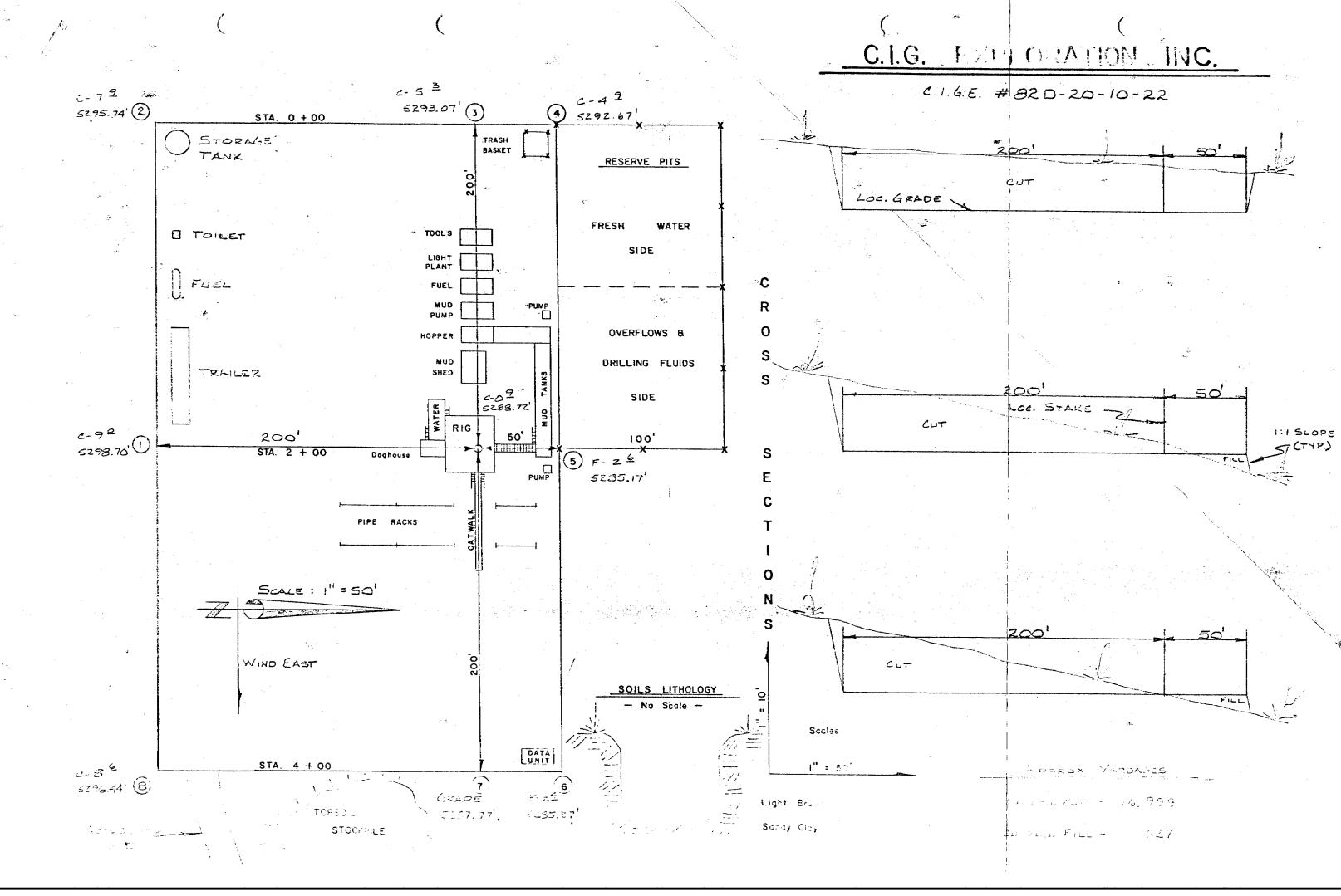
BOP's will be tested at installation and will be cycled on each trip.

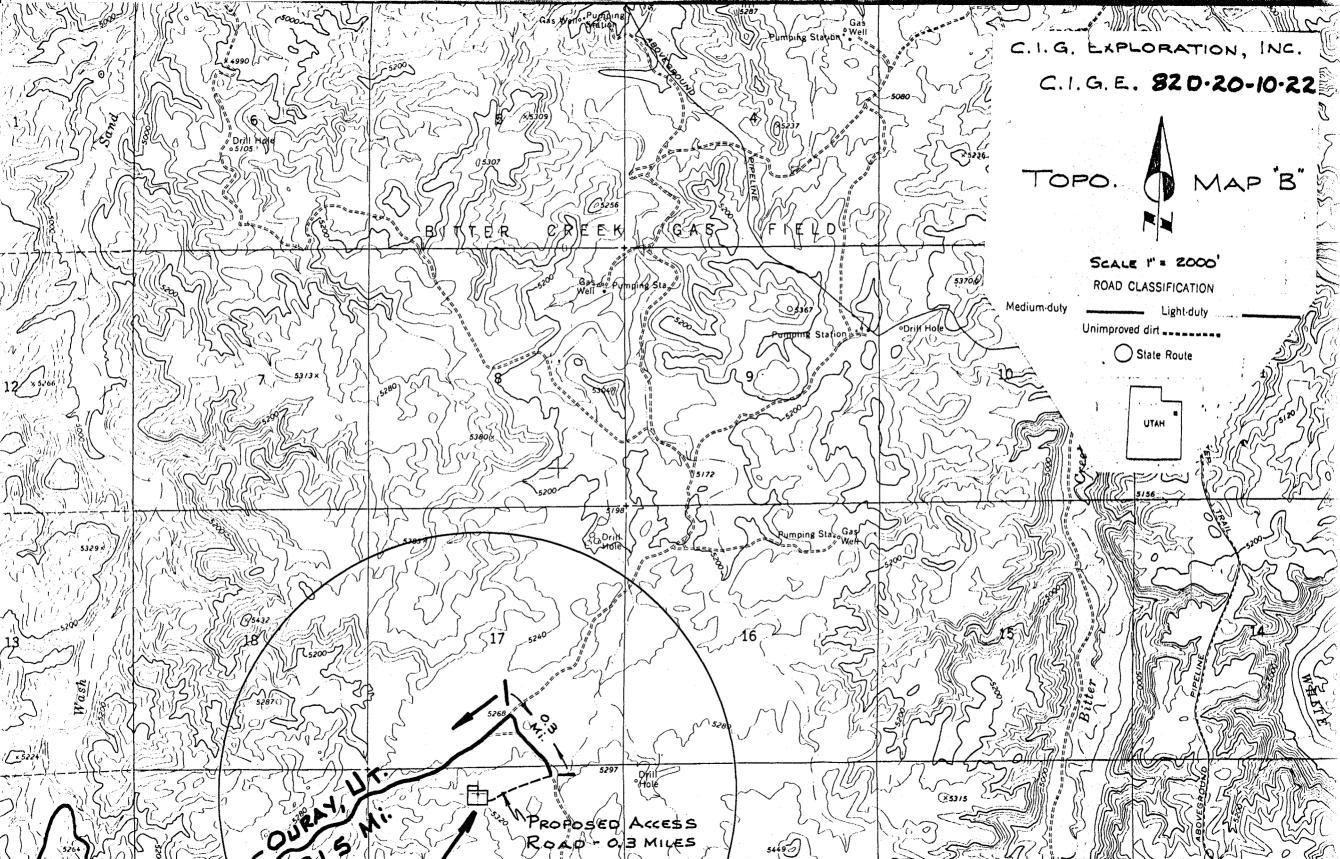
The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quanities and types of mud and weighting material to be maintained:

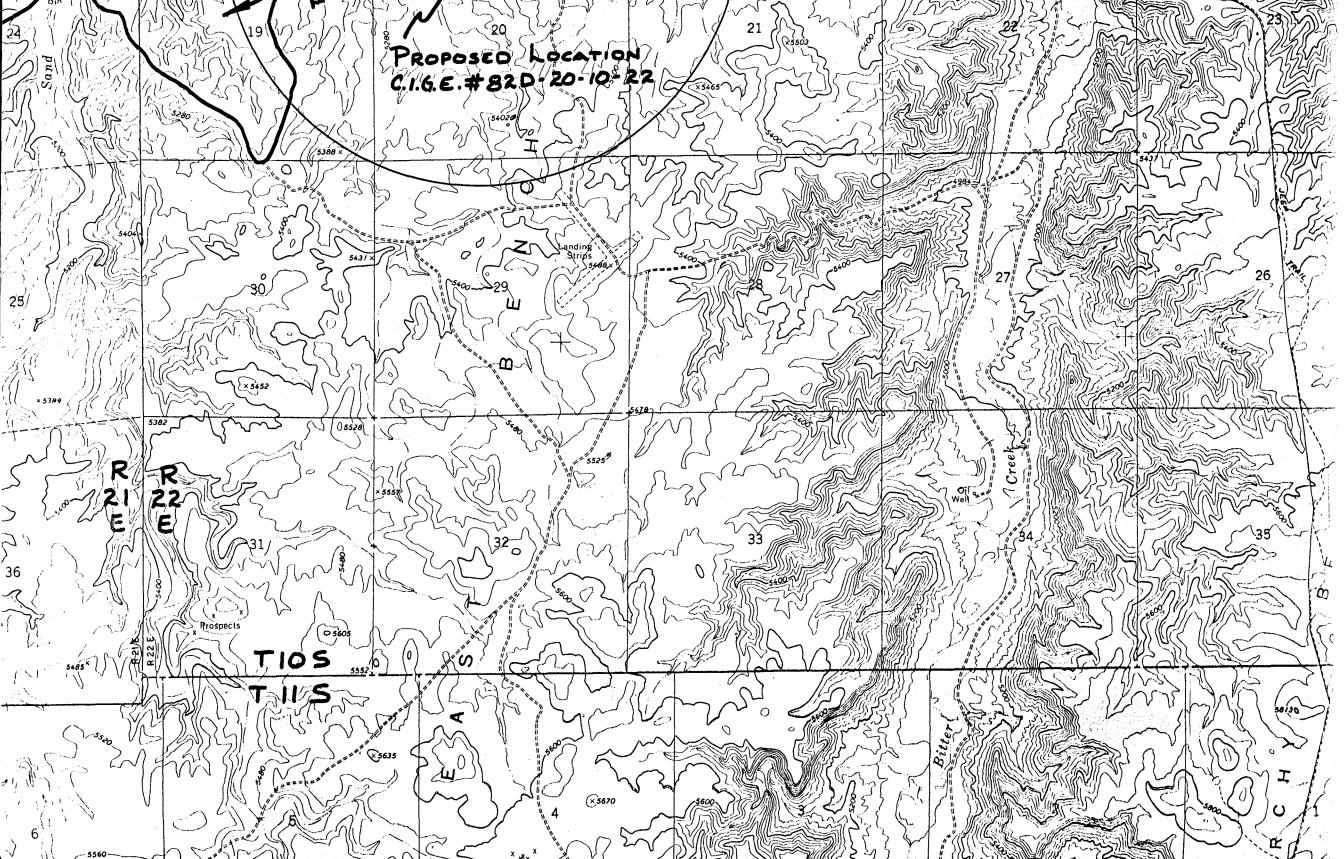
The well will be drilled with fresh water mud from surface to with a weight of to ppg. From to the well will be drilled with fresh water mud with a weight from to ppg.

Auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.







** FILE NOTATIONS **

DATE: <u>January 12</u>	- 1981 -	Ono	
operator: <u>CIG Ex</u> well no: <u>CIGE</u> 88	<u>HORATURE</u>	0.22	
WELL NO: CIOP Do	<u> 10=20-70</u>	22E //w	. 201.)
Location: Sec. <u>40</u>	T. 100	_ R. <u>22E</u> County: <u>Uur</u>	GUM)
File Prepared:		Entered on N.I.D:	
Card Indexed:		. Completion Sheet:	
	API Number_	43-047-30864	
CHECKED BY:			
Petroleum Engineer	: M. J. 1	muler	
Director: 0K	in Unit		
Administrative Aid	te: M Nax	tural Butter Unit	
			al in settinini Disebilakkapp <mark>e</mark>
APPROVAL LETTER:			
Bond Required:	7	Survey Plat Required:	7
Order No		_ O.K. Rule C-3 /	
Rule C-3(c), Topo with	graphic Except in a 660' radi	tion - company owns or contro us of proposed site	ls acreage
Lease Designation	<u> </u>	Plotted on Map	
	Approval Le	etter written	
Hot Line /		<u> (요즘 14)</u> 집에 보다 하는 말이다. 그 하는 모든 사 람들이 되었습니다. 그리스 모양	

January 15, 1981

CIG Exploration, Inc. P. O. Box 749 Denver, Colorado 80201

Re: Well No. CIGE 82D-20-10-22 Sec. 20, T. 10S, R. 22E Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer Office: 533-5771

Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30864.

Sincerely,

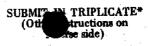
DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight Director

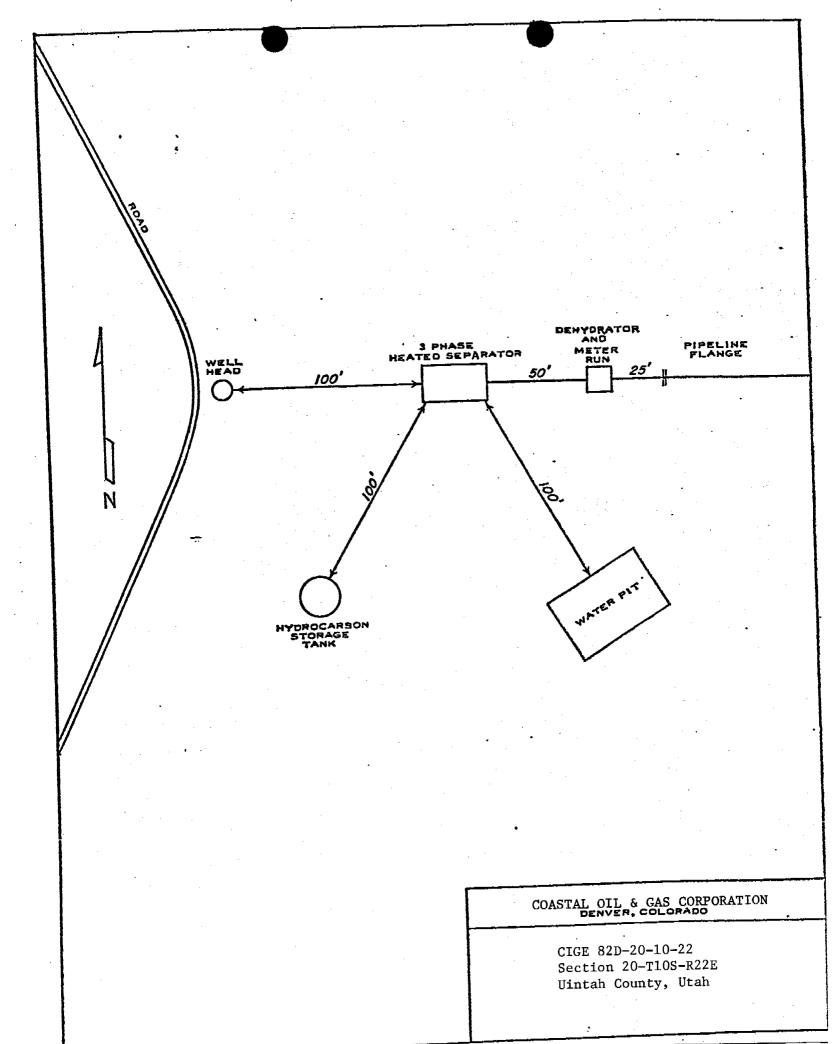
/ko

cc: Donald Prince, State Land Board

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING



	DIVISION OF O						
	,				ML-22		
SUNDRY (Do not use this form	NOTICES AN	ND REPORTS ON or to deepen or plug back PERMIT—" for such proper	WELLS			, ALLOTTES O	e Tripe yai
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Coastal Off & Ga	s Corporation	1			Natura	1 Butte	s unit
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PERMIT NO.		ATTOMS. (Show whether DF, RT	(, COL, COL)				_
3-047-30864	5	289' Ungr. Gr.	·		<u> Hintal</u>	1	Utah
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GENERAL Form 72 - 1/69	•	STIMATE SKETCH		
DATE: 2-6-87 STARTING DATE: EST. COMP. DATE: COMPANY	ONTRACT	ADO INTERSTATE GAS COMPAN	REVISION NO. BUDGET NO.: RELATED DW	
DESCRIPTION OF WORK:	NW Section 20-	#82 D-Z0-10-2	シ	tes Ficial
REQUESTED BY:	APPROXIMAT	E MILEAGE:	PROJECT ENGINEER:_	J.J.K.
		RANGE: 22 E		
			=102-4	
		***	L'HON 4" SIE CHECK VALV	OF VALUE WITH
	2" - 600 # ANSI METE. SETTING PER	G.I.	D-10-22 GEINC. 3-625	
	STANDARD PS.3.2M Dehndrator.	20 APPROX.	1,600 OF 4/2"O.E.	76
		X.125" ω PIPE.		N INSU
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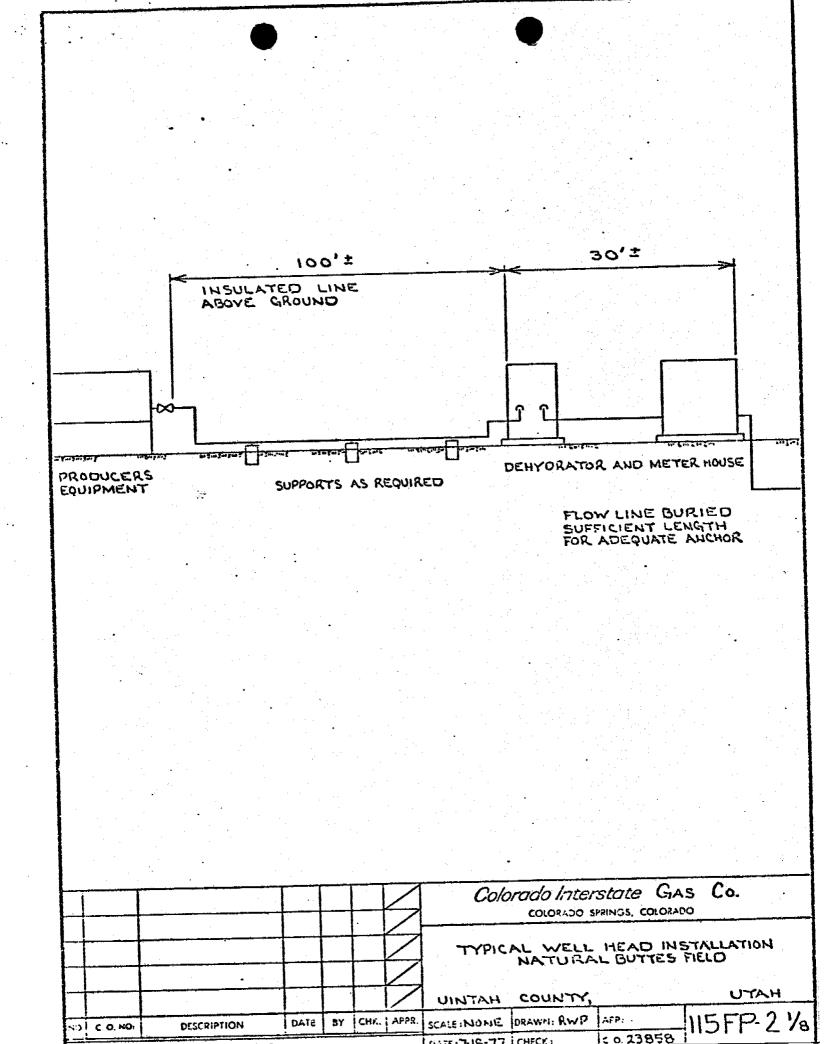
Statement for permit to lay flow line, to be included with application for Drilling Permit:

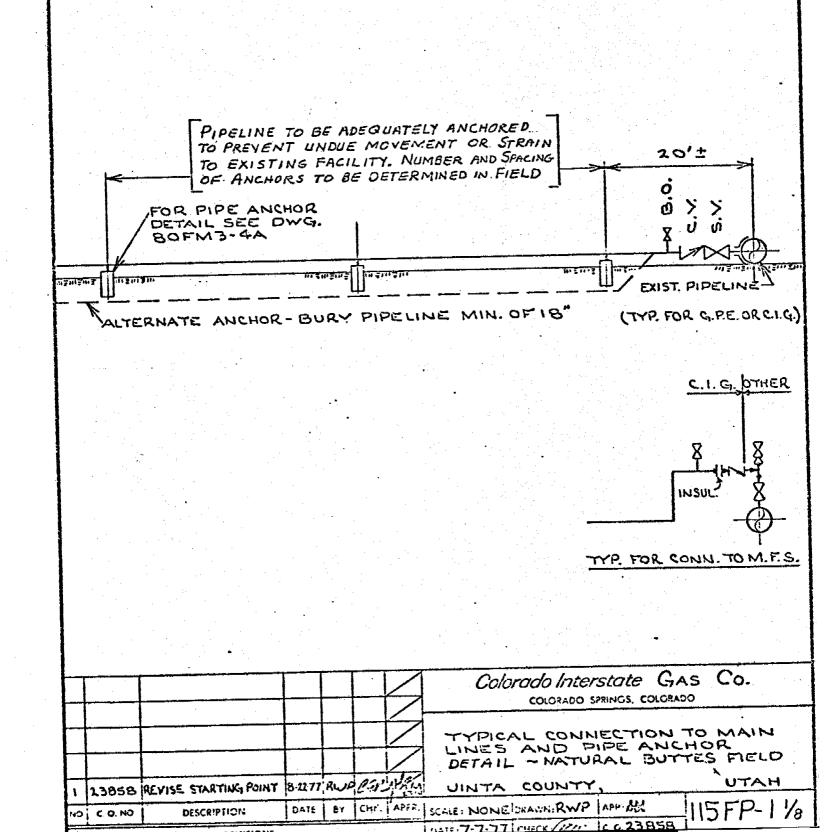
Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #82D-20-10-22 in an easterly direction through the N/2 of Section 20 connecting to Line F102-4" in the NE/4 of Section 20, all in 10S-22E. The line will be approximately 1,600' long, as shown on the attached sketches.

Pipe will be 4-1/2" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place, using portable electric welding machines, and will be laid aboveground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.





DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COM	PANY:_	CIG E	xplorat	ion Corp.	···			
WELL NAME:		CIGE 82D-20	-10 - 22			*		
NE NW SECTION	20	_Township	10S	RANGE_	22E		COUNTY_	Uintah
DRILLING CO	NTRAC	TORWes	tburn	·				
RIG #		65				1.		
SPUDDED:	DATE_	9-8-81		·		1. 1.		
	TIME_	10:00 a.m.						
	How	Dryhole						
DRILLING WI	ILL CO	MMENCE 12-1	0-81		•			
REPORTED BY	·	Tracy Dawe						
TELEPHONE #		572-1121	-		_			
					0.7.01			
DATE		9-18-81			_ SIGNE	لا:	R. Brad	lley

NOTICE OF SPUD

WELL NAME: CIGE 8LD-20-10-22
LOCATION: NE 1/4 NW 1/4 SECTION 20 T- 105 R-22E
COUNTY: Untah STATE: LLYah
LEASE NO.: ML-22974 LEASE EXPIRATION DATE: WBP
Butter Unit
UNIT NAME (If Applicable): Natural Butter Unit
DATE & TIME SPUDDED: 9/8/8/ /0:00 P.M
DRY HOLE SPUDDER: Ram Air-Drilling
DETAILS OF SPUD (Hole, Casing, Cement, etc.): 50nd 12/4" have to to 225'. Ran 95/8" Cog Set @ 221' GL House even w/25
225. Ran 75% con 5 bols 14m to surface Plus
3K5 class "H" - circ 5 6NS (rem +0 surface Plus down @ 100 pm 9-9-81
ROTARY RIG NAME & NUMBER: (1) RESTRICTIVE NO (25
ROTARY RIG NAME & NUMBER: C. S. J. S. C. V. C. V. C. S. C. V. C. V. C. V. C. S. C. V. C. V
APPROXIMATE DATE ROTARY MOVES IN: DICH M WEN 10, 1981
FOLLOW WITH SUNDRY NOTICE
USGS CALLED: DATE: September 18,1981
men poisson
PERSON CALLED: Sicki The alliotes
$\frac{1}{2} \frac{1}{2} \frac{1}$
STATE CALLED: DATE: September 18, 1981
PERSON CALLED: Polin Bradley
PERSON GALLED: _/ COAM
REPORTED BY: 1 Sacre Dave
REPORTED BY:

TATE OF UTAH

SUBMIT IN T	RIPLICATE*
(Other instr	uctions on
verse	side)
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P. O. Box 749 Denver C. 4. Location of well (Report location clear See also space 17 below.)	olorado 80201 ly and in accordance with any Sta	te requirements.*	CIGE 82D-20	L, OR WILDCAT
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(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and xones pertinent to this work.)

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

Well Spudded 9/8/81. WORT.

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

REPAIR WELL

SHOOT OR ACIDIZE

1981

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

SUBSEQUENT REPORT OF:

Operations 4 1

DIVISION OF OIL, GAS & MINING

8. I hereby certify that the toregoing is true and correct		
SIGNED THE WAVE	TITLEDistrict Drilling Manager	DATE <u>Sept. 17, 1981</u>
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State of Orderions CIC EXPLORATION INC. ADDRESS of PORATOS P. O. BOX 749 Denver. Colorado 80201 P. O. BOX 749 Denver. Colorado 80201 See also space 17 below.) See also space 17 below.) At surface 524' FML / 2261' FWL (NE NW) South 00 of No. 18. Reventions (Show whether Dr. Et. Ox. etc.) PERKIT NO. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data SOUTH 00 ALTER CARING MILTERS FILL ALSO BEAG. AND ULTAH Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data SOUTH 00 ALTER CARING MULTIPLE COMPLETE PRACTURE TREAT SHOWT OR ACADEM SHOWTON OR ACADEM CHANGE PLANS	CIG Exploration, Inc. ADDRESS OF OPERATOR P. O. BOX 749. Denver, Colorado 80201 LOCATION OF WELL (Report location clearly and in accordance with any State register as a space 17 below.) At surface 524' FNL / 2261' FWL (NE NW) FERMIT NO. 43-047-30864 5289' Ungr. Gr. Check Appropriate Box To Indicate Nature of Notice of Intention to: TREST WATER SHUT-OFF PULL OR ALTER CASING MULTIPLE COMPLETE MULTIPLE COMPLETE ABANDON' REPAIR WELL CHANGE PLANS (Clearly state all pertinent details proposed work. If well is directionally drilled, give subsurface locations and nent to this work.)* Please see attached chronological for r	8. FARM OR LEASE NAME Natural Buttes Unit 9. WELL NO. CIGE 82D-20-10-22 10. FIELD AND FOOL, OR WILDCAN Natural Buttes Fiel 11. SEC., T., B., M., OR BLE. AND SURVEY OR AREA Section 20-T10S-R22 12. COUNTY OB PARISH 13. STA Uintah Utah WATER SHUT-DFF RACTURE TREATMENT RECUING OR ACIDIZING ABANDONMENT*
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	SIGNED H. E. Aab (This space for Federal or State office use)	Drilling Manager October 16

TITLE .

Form	OGCC-	1	be
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OGCC-1b. OIL & GAS	STATE OF UTAH CONSERVATION COMMISSION	SUBMIT IN TRIPLICATES (Other instructions on re- verse side) ON	5. LEASE DESIGNATION ML-22974	
SUNDRY (Do not use this form	ONOTICES AND REPORTS Of proposals to drill or to deepen or plug to "APPLICATION FOR PERMIT—" for such p	ON WELLS back to a different reservoir. ropossis.)	N/A	
OIL GAS WELL Y	OTREE		Natural Butt	es Unit
2. NAME OF OPERATOR			Natural Butt	
4. LOCATION OF WELL (Report	enver Colorado 80201 location clearly and in accordance with any FNL / 2261' FWL (NE NW)		9. WELL NO. CIGE 82D-20- 10. FIELD AND FOOL, Natural Butt 11. SEC. 7. R., M., OF	10-22 om wildcar es Field
			Section 20-T	10S-R22E
14. PERMIT NO. 43-047-30864	5289 Ungr. Gr.	F, RT, GR, etc.)	12. COUMTY OR PARIS	Utah
16.	Check Appropriate Box To Indicate I		Other Data QUBNI SEPORT OF:	
TEST WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDIZE	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON*	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING	ABANDONE ODerations	CASING

(Other)

(NOTE: Report results of multiple completion on Well

(Completion or Recompletion Report and Log form.)

(Other)

(Other

Please see attached chronological for report of operations October 16 through November 15, 1981.

18. I hereby certify that the foregoing is true and correct SIGNED	TITLE District Drilling Manager	DATE Nov. 18, 1981
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit Uintah County, Utah

WI: 100% AFE: 19802 ATD: 6200'

SD: 9-8-81/10-31-81

CIGE, Oper.

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Westburne #65, Contr. 9-5/8" @ 221' GL;

524' FNL & 2261' FWL LOCATION: Sec 20-T10S-R22E. Elv: 5289' GL (ungr)

225'; (225'). 9-9-81 RU Ram Air Drlg. Spud 10:00 AM 9-8-81; in 15 hrs drl 124" hole to 225'.

TD 225'; WO RT. Ran 5 jnts (222.70') 9-5/8" OD 36# 8rd K-55 ST&C Rg 3 set @ 221' GL; Howco cmt w/125 sx C1 "H" w/2% CaC1, 1/4 /sk Flocele; circ 5 bbl cmt to surf; PD @ 1:00 PM 9-9-81. Cum Csts: \$24,521.

9-11-81 thru 10-31-81 WO RT.

810'; (571'-13 hrs); Drlg. Tst BOP; RU Yellow Jacket; PU BHA; tag cmt @ 215'; drl cmt 215-225'; RS; drl cmt 225-239'; drl form. Spud @ 2:30 PM 10-31-81; drl. MW 8.4, vis 28, Wtr. $(3/4^{\circ} @ 372')$. Cum Csts: \$50,521.

1431'; (621'-14½ hrs); WOC plug #1. Drl; surv; drl; RS; drl; surv; drl, lost circ @ 1336'; dry drl to 1431'; TOH to cmt; TIH OE to 753'; WO Howco 3 hrs; RU & cmt w/300 sx Cl "H", 3% CaCl, ½#/sk Flocele, 12#/sk Gilsonite; compl @ 3:00 AM 11-2-8; TOH; WOC - on TOH EL @ 75'. MW 8.5, vis 28, Wtr. (3/4° @ 825') (2° @ 1336'). Cum Csts: \$67,854.

1586'; (155'-3 hrs); Drlg @ 52'/hr. 11-3-81 WOC plug #1; TIH, tag cmt @ 961'; drl cmt f/961-1431'; drl; RS; drl w/full retns. MW 8.4, vis 29, Circ res pit. Cum Csts: \$76,014.

2200'; (614'-21½ hrs); Drlg 7-7/8" hole w/full retns. Surv; drl; surv; drl; RS; drl; rig rep - rot chain; surv; drl. No gas logging unit yet. MW 8.4, vis 27, Circ res pit. (2½ @ 1568') (2° @ 1712') (2½ @ 2016'). Cum Csts: \$84,852.

2965'; (765'-23 hrs); Drlg. Drl; surv; drl; RS; drl. BGG 150 units, CG 220 units. MW 8.4, vis 27, Wtr. 11-5-81 $(1\frac{1}{2}^{\circ}$ @ 2498'). Cum Csts: \$92,982.

3580'; (615'-22½ hrs); Drlg @ 33'/hr. 11-6-81 Dr1; surv; dr1; RS; dr1; surv; dr1. BGG 500 units, CG 500 units. MW 8.4, vis 27, Circ res pit. (2° @ 3028') (2° @ 3520'). Cum Csts: \$101,527.

4020'; (440'-17 hrs); Drlg. Dr1; RS; dr1; POH w/bit #2 @ 3915'; dr1. BGG 150 units, CG 250 units, TG 1200 units. WM 8.5, vis 36, WL 14, PV 10, YP 5, Sd 4, Sol 3.0, pH 10.0, Alk .42, Mf .90, CL 1200, CA 40, Gels 2/4, Cake 2/32, MBT 15, LCM 10%, Cr 1200. Cum Csts: \$117,257.

4560'; (540'-23 hrs); Drlg. Dr1; RS; dr1; RS; dr1. No brks. BGG 10 units. MW 9.2, vis 46, WL 10, PV 15, YP 6, Sd ¼, Sol 6, pH 9.5, Alk .10, Mf .63, CL 1100, CA 50, Gels 2/5, Cake 2/32, MBT 15, LCM 10%, Cr 850. Cum Csts: \$130,002.

11-9-81 4945'; (385'-22½ hrs); Drlg @ 17'/hr.

Drl; RS; drl; surv; drl; RS; drl. BGG 15 units, CG 25 units. No brks.

MW 9.4, vis 34, WL 10, PV 14, YP 4, Sd ¼, Sol 7, pH 10.0, Alk .40, Mf .90, CL 1000, CA 60, Gels 2/4, Cake 2/32, MBT 3.0, LCM 7%, Cr 800. Cum Csts: \$141,658.

5200'; (255'-17 hrs); Drlg @ 15'/hr. Dr1; RS; dr1; TOH 10 stds to rep kelly hose; chng out kelly hose; TIH

10 stds; dr1. BGG 10 units, CG 10 units. Dr1g Brks: 4986-5030', rate 4½/1½/4 mpf,
gas 10/10/10 units; 5154-5180', rate 5/2/5½ mpf, gas 8/20/9 units. MW 9.4, vis 38,
WL 9, PV 17, YP 3, Sd ½, Sol 8.0, pH 10.0, Alk .40, Mf 1.10, CL 1000, CA 40, Gels
3/5, Cake 2/32, MRT 3.5, Cr 850, Cum Cata: \$150.20/ 3/5, Cake 2/32, MBT 3.5, Cr 850. Cum Csts: \$150,204.



Form OGCC-1 be

OIL & GAS	STATE OF UTAH CONSERVATION COMMISSIO	SUBMIT IN TRIPLICATE® (Other instructions on reverse side))N	5. LEASE DESIGNATION AND SERIAL NO. ML-22974 6. IF INDIAN, ALLOTTES OR TRIBE NAME
SUNDRY (Do not use this form Use	NOTICES AND REPORTS C for proposals to drill or to deepen or plug be "APPLICATION FOR PERMIT—" for such pro-	ON WELLS ack to a different reservoir. opossis.)	N/A 7. UNIT AGREEMENT NAME
OIL GAS GAS	OTHER		Natural Buttes Unit
CIG Exploration	Inc.		Natural Buttes Unit
8. ADDRESS OF OPERATOR	onwor Colorado 80201		9. WELL NO. CIGE 82D-20-10-22
4. LOCATION OF WELL (Report	location clearly and in accordance with any FNL / 2261' FWL (NE NW)	State requirements.*	Natural Buttes Field 11. SEC. T., B., M., OB SEE. AND SUBTRY OF AREA
			Section 20-T10S-R22E
14. PREMIT NO.	15. BLEVATIONS (Show whether Dr.	, RT, GR, etc.)	Uintah Utah
<u>43-047-30864</u>	5289' Ungr. Gr.		Ollican
	Theck Appropriate Box To Indicate N		Other Data
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	WATER SHUT-OFF FRACTURE TERATMENT SHOOTING OR ACIDIZING (Other) (Note: Report result	ALTERING WELL ALTERING CASING ABANDONMENT® ODETATIONS IS of multiple completion on Well pletion Report and Log form.)
	l i	Completion of Recom	Dietrou webort and rog torm.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Please see attached chronological for report of operations November 16 through December 15, 1981.



DIVISION OF OIL, GAS & MINING

	A						
18.	I hereby certify that the foregoing is true and correct	TITLE .	District	Drilling	Manager•	DATE Dec.	15, 1981
=	(This space for Federal or State office use)						
	APPROVED BY	TITLE	<u> </u>			DATE	

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit Uintah County, Utah

100% WI:

AFE: 19802 ATD: 6200' SD: 9-8-81/10-31-81

CIGE, Oper.

Westburne #65, Contr. 9-5/8" @ 221' GL; 4½" @ 6000';

524' FNL & 2261' FWL LOCATION:

Sec 20-T10S-R22E.

Elv: 5289' GL (ungr)

60001 TD: PBTD: 5549'

Perf: 4993-5625' (9 shots)

5454'; (254'-19½ hrs); TOH f/bit #3. Dr1; RS; dr1; RS; dr1, lost 500# pmp press; POH f/hole in DP (hole in mid of btm jnt on 43rd std out - 3966'); cont TOH f/bit chng. BGG 25 units, CG 40 units. Drlg Brk: 5378-5398', rate 5/1½/5 mpf, gas 25/100/30 units. MW 9.4, vis 35, WL 10.0, PV 15, YP 4, Sd ¼, Soi 8, pH 10.0, Alk .40, Mf .95, CL 900, CA 60, Gels 3/5, Cake 2/32, MBT 3.0, Cr 900. Cum Csts: \$159,342.

5691'; (237'-18 hrs); Drlg @ 13'/hr. 11-12-81 TIH w/bit #3 @ 5454'; wash & ream 10' to btm; dr1; RS; dr1. BGG 50 units, CG 80 units. Drlg Brks: 5608-5626', rate $4\frac{1}{2}/1\frac{1}{2}/4$ mpf, gas 55/650/60 units; 5634-5642', rate 4/2/4 mpf, gas 60/140/70 units. MW 9.2+, vis 34, WL 11, PV 6, YP 3, Sd $\frac{1}{4}$, Sol 6.0, pH 10.0, Alk .45, Mf 1.23, CL 1000, CA 50, Gels 2/3, Cake 2/32, MBT 2.5, Cr 750. Cum Csts: \$171,702.

5972'; (281'-22 hrs); Trip f/hole in pipe. 11-13-81 Dr1; RS; dr1; RS; dr1, lost 400# pmp press; pmp flag, lost 100# pmp press; TOH f/hole in pipe. BGG 80 units, CG 100 units. No drlg brks. MW 9.2+, vis 35, WL 10, PV 10, YP 3, Sd 4, Sol 6, pH 10, Alk .73, Mf 1.76, CL 1500, CA 40, Gels 2/4, Cake 2/32, MBT 3.0, Cr 600. Cum Csts: \$182,036.

TD 6000'; (28'-2 hrs); Logging w/Dresser. TOH f/washoug @ 5972', found #7 & #8 DC washout in boxes & pin; TIH w/bit #3 to 5972'; drl 5972-6000'; circ & cond f/logs; TOH, SLM 6004', no corr; log w/Dresser; TD 60001' WL. Ran DIL/SP (2" scale) 239-6001', (5" scale) 1425-6001'. MW 9.3, vis 40, WL 10.0, PV 12, YP 4, Sd 4, Sol 7, pH 10.0, Alk .65, Mf 1.32, CL 1400, CA 40, Gels 2/4, Cake 2/32, MBT 15, LCM 5%, C4 850. Cum Csts: \$193,509.

TD 6000'; ND BOP. 11-15-81 Fin logging; TIH w/bit #3; rig rep-clutch; TIH to 6000'; circ & cond f/42" csg; LD DP & DC; ran 132 jnts $4\frac{1}{2}$ " 11.6# N-80 LT&C csg (6001'); set @ 6000' KB (KB = 18'); circ $4\frac{1}{2}$ " csg; RU Howco & cmt w/30 bbl mud flush, 50 bbl Spacer 1000, 800 sx 50/50 Poz, 8% gel, 10% salt, .6% HA-24, 5#/sk Gilsonite, #/sk Flocele (12.7 ppg); followed with 1300 sx 50/50 Pox, 2% gel, 10% salt, .6% HA-24, ½#/sk Flocele (13.9 ppg); pmpd @ 9 BPM; displ w/92.5 bbl 5% KCl; circ 95 bbl cmt; PD @ 3:30 PM 11-14-81; FPP 1700#; bump plug 2/2200#; bled press, floate held; set 4½" slips; cut 4½" 10" above slips. Cum Csts: \$329,004.

11-16-81 TD 6000'; RD RT. ND BOP; clean mud tank; RD RT to move to NBU 59Y-2. Rig Rel @ 10:00 AM Cum Csts: \$359,454. Drop f/report; WO CÜ.

11-17-81 thru 12-4-81 WO CU.

12-5-81 Prep to log. MI RU Temple Well Service; spot equip; ND tree, NU BOP; PU, tally & std back 4790' 2-3/8" tbg; SDFN. Cum Csts: \$364,329.

TD 6000'; PBTD 5549' WL; SDFS. 12-6-81 RU OWP to log; RIH & tag PBTD @ 5958'; start logging & got stuck @ 5549', could not move up or dwn; jar on tool - pulled out of rope socket; SDFN. Fish = 1 1' \times 1-11/16" rope socket w/7/16" fish neck, 1 5' \times 1-11/16" bar, 1 $6\frac{1}{2}$ ' \times 1-11/16" GR tool (12½' long). Cum Csts: \$368,604.

TD 6000'; PBTD 5549'; Prep to fish log tools w/WL. 12-7-81 SDFS. Cum Csts: \$368,604.

TD 6000'; PBTD 5900' (fish top). 12-8-81 RU OWP & attempt to fish logging tools; made 3 runs - could not fish; RIH w/3.875" gauge ring & JB to 5900' - no junk rec; \log w/GR/CCL f/5900' to 4700'; SDFN. Note: Fish was left in btm of hole. Cum Compl Csts: \$20,225.





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Di	VISION OF OIL, GAS, AND I		ML-22974
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Use "AP	proposals to drill or to deepen or pluplication FOR PERMIT—" for such	proposals.)	N/A
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WELL WELL X OTH	51		8. FARM OR LEASE NAME
2. NAME OF OPERATOR			
CIGE EXPLORATI	ON INC		NATURAL BUTTES UNIT
S. ADDRESS OF OPERATOR	ON, ING.		9. WELL NO.
			CIGE 82D-20-10-22
P. O. BOX 749.	DNEVER CO 80201	- State	10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Report local See also space 17 below.)	tion clearly and in accordance with a	ny State requirements.	
	(2261' FWL (NE NW)		NATURAL BUTTES FIELD
J24 I3D/	2201 144 (14 111)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
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14. PERMIT NO.	15. BLEVATIONS (Show whether	DF, RT, GR, etc.)	12. COURTY OF PARISH 10. STATE
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<u>43-047-30864</u>			
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		WATER SHUT-OFF	REPAIRING WELL
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SHOOT OR ACIDIZE	ABANDON* X	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	
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(Other)			, including estimated date of starting any al depths for all markers and zones perti-
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APPROV	ED BY THE STATE		
OFILT	AH DIVISION OF		
OIL, GA	AS, AND MINING		
DATE:	1/27-82		
DAIE.	pinel Bigned by C. B. Politin		
BY: ```M	Military College At A		
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18. I hereby certify that the fore	going is true and correct		
10. I hereby certain that the fore		PRODUCETON ENGINEER	DATE JANAURY 18, 1982
SIGNED Wy Cor	TITLE _	PRODUCTION ENGINEER	DATE SANAURI 10, 1702
W. JV. GOODEN	<u> </u>		
(This space for Federal or Si	tate office use)		
	media es		DATE
APPROVED BY	TITLE _		DATE

PULG & ABANDONMENT PROCEDURE

CIGE 82D-20-10-22P
NE NW SECTION 20-T10S-R22E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH

JANAURY 18, 1982

WELL DATA

Location: 524' FNL, 2261' FWL, Section 20-T10S-R22E

Elevation: 5289' UnGr, 5307' KB

Total Depth: 6000', Float collar @ 5958'

Production Casing: $4\frac{1}{2}$ " N-80 set @ 6000' w/2100 sx cement.

Plug bumped & cement circulated.

Casing ID/Capacity: 4.00"/.0155 bb1/ft

Casing Drift Diameter: 3.875"

Perforations: w/3-1/8" casing gun as follows

4993' 1 JSPF 5193' 1 JSPF 4995' 1 JSPF 5198' 1 JSPF

4997' 1 JSPF

5625' 2 JSPF

5095' 1 JSPF

5099' 1 JSPF TOTAL: 9 HOLES

Depth Reference: Dresser Atlas Compensated Nuetron Density log dated 11-14-81.

Tubing: 2-3/8" 4.7# J-55 w/Baker R-3 packer set @ 5057' w/18,000 lbs

compression. SN @ 5026'.

Stimulation: Broke down w/2700 gallons 5% KCl water and 18 ball sealers.

Perfs 5095' - 5625' fraced w/20,000 gallons gelled water and

30,000 lbs 20/40 sand.

Foramtion Tops: Uintah - Surface

Green River - 1482'
Wasatch - 4248'

Present Status: Non-productive. Waiting on P&A.

PROCEDURE

- 1. Notify USGS in Salt Lake City 24 hours prior to commencement of operations.
- 2. MIRUSU.
- 3. Kill well. ND tree and NU BOP's.

PLUG AND ABANDONMENT ROCEDURE CIGE 82D-20-10-22P NE NW SECTION 20-T10S-R22E NATURAL BUTTES UNIT UINTAH COUNTY, UTAH JANUARY 18, 1982 continued:



- 4. Release packer and TOOH.
- 5. TIH to 5750' w/2-3/8'' tubing.
- 6. Displace hole w/9.2 ppg drilling mud.
- 7. Set 250' plug across perfs 5625' from 5750' to 5500' w/20 sx class "G" cement.
- 8. POOH to 5300' and set 400' plug across perfs 4993' 5198' from 5300' to 4900' w/35 sx class "G" cement.
- 9. POOH to 4350' and set 250' plug across top of Wasatch from 4350' to 4100' w/20 sx class "G" cement.
- 10. POOH to 1700' and set 250' plug across top of Green River oil shale from 1700' to 1450' w/20 sx class "G" cement.
- 11. POOH to 300' and set 300' surface plug from 300' to surface w/25 sx class "G" cement.
- 12. TOOH w/tubing, ND BOP's and release rig.
- 13. Cut casing off 3' below surface and install dry hole marker in plug in $4\frac{1}{2}$ " casing.
- 14. Clean up location and restore to original grade.
- 15. Notify USGS to make final inspection.

Note: Total cement required to P&A well is 120 sx.

PREPARED BY: W. J. GOODEN, PRODUCTION ENGINEER	DATE: //19/82
W. S. GOODEN, TRODUCTION ENGINEER	
APPROVED BY: WENDELL COLE, DISTRICT GEOLOGIST	DATE: /-/8-82
APPROVED BY: 8 Miles IP	DATE: /-18-82

2 of 2

FRANK MIDKIFF, DISTRICT PRODUCTION MANAGER

SUBMIT	IN	TRIPL	CA?	re.
(Other i	ņstr	uctions	02	re-

	STATE OF UTAR	[SUBMIT IN TRIPLICA	TE*	
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					OTTES OR TRIBE NAME
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(Do not use this form for	proposals to drill or to de	epen or plug ba	ck to a different reservoir.	N/A	
Ose Al	PERCENTION FOR PERMIT		promot/	N/A 7. UNIT AGREEMS	MT NAME
OIL GAS G					
71	EEL			Natural Bu	
NAME OF OPERATOR					
CIG Exploration, I	nc.			Natural Bu	ttes Unit
ADDRESS OF OPERATOR				9. WELL NO.	
P. O. Box 749, Den	ver, Colorado 80	201		CIGE 82D-2	
LOCATION OF WELL (Report location also space 17 below.)	tion clearly and in accord	ance with any S	tate requirements.	10. PIELD AND PO	ME, OR WILDCAT
	FNL / 2261' FWL	(NE NW)		Natural Bu	ttes Field
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	· ·			Section 20)-T10S-R22E
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3-047-30864	5289' Ungr	· GI ·		1 OTHERI	TOCUL
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PRACTURE TREAT	MULTIPLE COMPLETE		FRACTURE TREATMENT		ING CASING
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77) amusus	110K	TITLE Dis	trict Drilling Ma	mager DATE J	an. 19, 1982
SIGNED H. E. Aal)				
(This space for Federal or St	ate office use)				
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ARRESTED NO		TITLE		DATE	
CONDITIONS OF APPROVAL	TO ANT				

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit

Uintah County, Utah

AFE: 19802 WI: 100%

SD: 9-8-81/10-31-81

ATD: 6200' CIGE, Oper.

Westburne #65, Contr. 9-5/8" @ 221' GL; 4½" @ 6000';

LOCATION: 524' FNL & 2261' FWL

Sec 20-T10S-R22E.

Elv: 5289' GL (ungr)

60001 TD:

PBTD: 5958'

Perf: 4993-5625' (9 shots)

12-25-81 SD f/holiday; WO frac. Note pkr set @ 5057'. SITP 1750 psi, SICP 180 psi (pkr 5057' w/perfs @ 4993', 4995', 4997').

12-26-81 SD f/holiday; WO frac. SITP 1775 psi, SICP 235 psi (pkr).

12-27-81 SD f/holiday; WO frac. SITP 1800 psi, SICP 275 psi (pkr.

12-28-81 Prep to frac @ 10:00 AM. No press reported.

12-29-81 Prep to flw well to pit to clean up after frac. SITP 1900 psi; held safety meeting & press tst lines to 6000 psi; f1 temp $84^{\circ}F$; frac Wasatch perfs 5095-5625' (6 holes) thru 2-3/8" tbg & pkr w/20,000 gal low-residue X-linked gel & 30,000# 20/40 sd as follows: Pad on perfs w/3700 psi @ 8 BPM; start 1 ppg w/5900# @ 9 BPM; start 2 ppg w/5000# @ 9 BPM; start 3 ppg w/4700# @ 9 BPM; all frac w/4600# @ 9 BPM; all flush w/4600# @ 9 BPM; ISDP 2700 psi, 30 min 2150 psi; AR 9 BPM @ 5000 psi; SICP 350 psi; pkr held ok.

12-30-81 Flwg to pit to clean up after frac.
SITP 1250 psi, SICP 325 psi (pkr); opn to pit @ 12:45 on 12/64" CK, 30 min FTP 1080 psi, 2" stream frac wtr.

12-31-81 Flwg to pit to clean up after frac. 12/64" CK, FTP 160, SICP 325, gas TSTM, ½" stream wtr; chng to 16/64" CK @ 11 AM; 1:30 PM FTP 160, SICP 325, ½" stream wtr, gas TSTM, 16/64" CK.

Opn to pit to clean up after frac. 1-1-82 16/64" CK, FTP O psi, SICP 300 psi (pkr), well dead.

Opn to pit to clean up after frac. 1-2-82 16/64" CK, FTP 0 psi, SICP 300 psi (pkr), well dead.

Opn to pit to clean up after frac. 1-3-82 16/64" CK, FTP O psi, SICP 300 psi (pkr), well dead.

Opn to pit to clean up after frac. 16/64" CK, FTP O psi, SICP 300 psi (pkr), well dead. 1-4-82

SI f/press BU. 1-5-82 Opn to pit after frac-well dead; TP O psi, SICP 225 psi; SI @ 3:30 PM f/press BU.

TD 6000'; PBTD 5817' SLM, btm perf 5625'; SI to build press. 1-6-82SITP 200 psi, SICP 300 psi.

TD 6000'; PBTD 5817'; SI f/press BU. 1-7-82 SITP_425 psi, SICP 250 psi (pkr).

TD 6000'; PBTD 5817'; WO swb unit. 1-8-82 SITP 510 psi, SICP 265 psi (pkr).

SI; NR. 1-9-82

1-10-82 WO swb unit. SITP 700 psi, SICP 225 psi.

1-11-82 WO swb unit. SITP 650 psi, SICP 250 psi (pkr); WO swb unit; Prep to blw well dwn to pit.

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CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit

Uintah County, Utah

AFE: 19802 WI: 100%

SD: 9-8-81/10-31-81

ATD: 6200' CIGE, Oper.

Westburne #65, Contr.

9-5/8" @ 221' GL; 4½" @ 6000';

LOCATION: 524' FNL & 2261' FWL

Sec 20-T10S-R22E.

Elv: 5289' GL (ungr)

TD:

5900' PBTD:

Perf: 4993-5625' (9 shots)

TD 6000'; PBTD 5900' (fish top); Flwg well to pit to clean up after brkdwn. Press tst csg to 6000 psi-ok; RIH; perf Wasatch gross interval 4993-5625' w/3-1/8" csg gun (9 shots); TIH w/2-3/8" tbg to 4796' w/SN @ 4765', blast jnt @ surf; brk dwn Wasatch w/65 bb1 5% KC1 wtr & 16 balls; AR 4.5 BPM, AP 4100 psi; opn well to pit on 16/64" CK.

12-10-81 Flwg well to pit to clean up after brkdwn. Almost plugged off @ WH w/BS; 16/64" CK, TP 200 psi, CP 700 psi, 25-30 BWPD, gas TSTM.

12-11-81 Flwg to pit to clean up after brkdwn. FTP 0 psi, CP 650 psi.

12-12-81 Flwg to pit to clean up after brkdwn. FTP 0 psi, SICP 660 psi, 0 MCF, 0 BW, 16/64" CK.

12-13-81 Flwg to pit to clean up after brkdwn.
FTP O psi, SICP 875 psi, 16/64" CK, 0 BW, 0 MCF.

12-14-81 Flwg to pit to clean up after brkdwn. FTP 50 psi, SICP 950 psi, 16/64" CK, 0 MCH, 1/2" stream wtr.

12-15-81 Opn to pit after brkdwn. FTP O psi, SICP 785 psi, O BW, O MCF.

12-16-81 Opn to pit after brkdwn. TP 0 psi, CP 950 psi, 16/64" CK; well death, 0 BW, 0 MCF.

12-17-81 Opn to pit after brkdwn. FTP O psi, SICP 950 psi, 16/64" CK; well pead.

12-18-81 Prep to pull tbg. Well dead, 0 psi TP, 800 psi SICP, 16/64 CK; MI RU Gibson Well Service.

12-19-81 Swb tstg Wasatch perf 4993-4997'. POH w/2-3/8" tbg; PU 4½" Bak ret pkr w/4 sub & bullplug in pkr; ran 3' perf nip & SN above pkr; TIH & set pkr @ 5050'; RU swb & tst Wasatch perf 4993-4997'; made 5 swb runs, rec 28 BW w/FL @ 2000-4500'; SDFN 4

12-20-81 Swb tstg Wasatch perfs 4993-4997'. Swb 31 BW-9 hrs w/small show gas; SDFN.

12-21-81 Prep to POH & LD perf mip & RIH to selective tst Wasatch perfs 5095-5625'. SDFS.

12-22-81 SITP 25-50 psi; made 1 swb run-dry; Prep to land tbg & RD SU. POH w/pkr & LD perf nip & bullplug; TIH & set pkr @ 5050', SN @ 5020'; RU & swb tst perfs 5095-5625' (6 holes); made 5 runs in 5 hrs, rec 11 BW - swbd dry; SI & SDFN.

12-23-81 Prep to RD & move to NBU #37X-P. SITP 50 psi; blw to pit on 8/64" CK, gas TSTM; RIH w/swb & tbg, FL @ 5000', no fl entry overnight; fel pkr; POH; PU Bak R-3 pkr & RIH on 2-3/8" tbg, set @ 5057' w/18,000# comp, SN @ 5026'; ND BOP, NU tree; made 3 swb runs, swb dry with slight blw gas; SDFN.

12-24-81 SI; WO frac.

S	TATE OF UTAH	SUBMIT IN TRIPLICATE (Other instructions on re	
OIL & GAS CO	NSERVATION COMMISS	ION verse side)	ML-22974
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OIL GAS TOTHER			7. UNIT AGRESMENT NAME NATURAL BUTTES UNIT
NAME OF OPERATOR			8. FARM OR LEASE NAME NATURAL BUTTES UNIT
CIG EXPLORATION.	INC.		9. WELL NO.
P. O. BOX 749. Di LOCATION OF WELL (Report location Bee also space 17 below.) At surface	ENVER, CO 80201 on clearly and in accordance with a	ny State requirements.*	CIGE 82D-20-10-22 P 10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES FIELD
524 FSL 2261' FW	L (NE NW)		11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA
PERMIT NO.	15. BLEVATIONS (Show whether	DF, RT, GR, etc.)	SECTION 20-T10S-R22 12. COUNTY OR PARISE 18. STATE
43-047-30864	5289' UNGR		UINTAH COUNTY, UTAH
Check	Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data
NOTICE OF IN	TENTION TO:	40242	QUENT REFORT OF:
FRACTURE TREAT SHOOT OR ACIDIZE	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON*	WATER SHUT-OFF FRACTURE TERATMENT SHOOTING OR ACIDIZING	REPAIRING WELL ALTERING CASING ABANDORMENT® X
REPAIR WELL (Other)	CHANGE PLANS	('ompletion or Recom	ts of multiple completion on Well pletion Report and Log form.)
DESCRIBE PROPOSED OR CUMPLETED	OPERATIONS (Clearly state all pertinectionally drilled, give subsurface lo	ent details, and give pertinent date cations and measured and true vert	s, including estimated date of starting ical depths for all markers and zones p

*See Instructions on Reverse Side

TITLE _

(This space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY:

DATE

CIGE #82D-20-10-22-P (CIGE)

Natural Buttes Unit

Uintah County, Utah

AFE: 19802

WI: 100% SD: 9-8-81/10-31-81 ATD: 6200' CIGE, Oper.

Westburne #65, Contr.

9-5/8" @ 221' GL; 4½" @ 6000';

524' FNL & 2261' FWL LOCATION:

Sec 20-T10N-R22E.

Elv: 5289' GL (ungr)

TD: 6000'

1-12-82 WO swb unit. SITP 725 psi, SICP 225 psi (pkr).

FTP 0 psi, SICP 225 psi (pkr), 16/64" CK; well dead. 1-13-82

Prep to swb. 1-14-82 SICP 225 psi, FTP 0 psi, 16/64" CK; well dead; MI RU Bright Swb Service. Cum Compl Csts: \$106,076.

1-15-82 Road to loc; made 21 swb runs, IFL @ 25', FFL @ 3400'; pulling f/SN @ 5020' on last 15 runs; rec 66 BW w/no sd & no gas; SI & SDFN. Cum Compl Csts: \$107,876. Tot Cum Csts: \$467,530.

'TD 6000'; PBTD 5817'; SI WO P & A. SITP 550; blw dwn to 0 psi in 15 min w/16/64" CK; RU & make 5 swb runs, IFL @ 1500'; swb dry, making 1 run/hr, rec 15 BW; RD & rel swb unit; WO P & A. Drop f/report until further activity. Cum Compl Csts: \$108,896. Tot Cum Csts: \$468,530.

1-17-21-82 SI; WO P & A.

POH w/tbg & pkr. 1-22-82 MI RU Gamanche Rig #9 to P & A; SITP 1500, bleed off in 2 min; try to flw wtr; kill w/35 bbl 10 ppg brine; ND tree, NU BOP; rel pkr; LD donut & 1 jnt tbg; SDFN. Cum Compl Csts: \$111,326. Tot Cum Csts: \$470,980.

Prep to ND BOP & move rig. SITP 250 psi; bleed off; start POH w/tbg & pkr; SD f/rig rep; POH 101 jnts 2-3/8" tbg & R-3 pkr; RIH to 5750' & displ hole w/7.2 ppg DM; set C1 "G" cmt plugs as follows: Plug #1 perfs 5750-5500' w/20 sx, plug #2 perfs 5300-4900' w/35 sx, plug #3 Top Wasatch 4350-4100' w/20 sx, plug #4 Top GR oil sh 1700-1450' w/20 sx, #5 surf 3-300' w/25 sx; SDFN. Cum Compl Csts: \$88,681. Tot Cum Csts: \$448,335. 1-23-82

Well P & A. 1-24-82 ND BOP; RD & clear loc; move Gamanche Well Service to NBU #61; set dry hole marker inside 4½" csg. Well P & A 1-23-82. Cum Compl Csts: \$89,781. Tot Cum Csts: \$449,435. Final Report.



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 17, 1982

Cig Exploration, Inc. P. O. Box 749 Denver, Colorado 80201

> Re: Well No. CIGE 82D-20-10-22 Sec. 20, T. 10S, R. 22E Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse Clerk Typist



SUBMIT IN DUPLICA

(See other instructions on reverse side)

ML-22974

5. LEASE DESIGNATION AND SERIAL NO.

WIE.	
other in-	ML-22974

			STATE	ÓF	UTA	H		
OIL	&	GAS	CONSERV	/ A T	ION	COMMIS	SION	J

							N/A		
WELL CO	MPLETION	OR RECON	APLETION	REPORT	AND	LOG*	_	N, ALLOT	TEE OR TRIBE NAME
1a. TYPE OF WEL	L: OII,	L GAS WELL	DRY X	Other		1	N/A 7. UNIT AGE	REMENT	NAME
b. TYPE OF COMP	PLETION: WORK DEE	P- PLUG	", diff. [""]	!		13181E	NATURA S. FARM OR		TTES UNIT
WELL LAI 2. NAME OF OPERAT	OVER L EN	BACK L	_ RESVR	Other	151				TTES UNIT
		ON THE	,	しいたい	٣	, a cal	9. WELL NO		CIES ONII
3. ADDRESS OF OPER	EXPLORATI	ON, INC.		131			CICE #	82D_2	20-10-22
D e	O BOY 7/9	, DNEVER, C	n 80201	W	n 2.	41982			OR WILDCAT
4. LOCATION OF WEI	LL (Report location	on clearly and in a	ccordance with	any State requi	rements	1)*	- NATURA	a. But	TES FIELD
At surface 524	' FSL & 22	61' FWL (NE	E NW)	•		ON OF	11. SEC., T.,	, R., M., O	R BLOCK AND SURVEY
	erval reported be	(2.43.02)	,	a ·	Miži	ON OF	G l	•	
	•			Oll	GAS	8 WININ			
At total depth	SAME							<u>N 20-</u>	-T10S-R22E
			14. PERMIT	NO.	DATE I	SSUED	12. COUNTY PARISE	QR.	13. STATE
				7-30864		5-82	UINTAH		LEV. CASINGHEAD
5. DATE SPUDDED	16. DATE T.D. R	BACHED 17. DATE	COMPL. (Ready	y to prod.) 18	3. ELEVA	ATIONS (DF, RE	B, RT, GR, ETC.)*	19. E	LEV. CASINGREAD
9-8-81	11-13-					89 GL 23. INTERVAL	S ROTARY TO	<u> </u>	CABLE TOOLS
20. TOTAL DEPTH, MD	21. PLU	G, BACK T.D., MD &	How	ULTIPLE COMPL. MANY*	•*	DRILLED B		1	CABBE 1002B
6000 THE PRODUCING INTER		491	POTTOM NAME	N/S	<u> </u>		<u> </u>	1 25.	. WAS DIRECTIONAL
se. I sobotino in Isa	TAD(G), OF THIS	COMPLETION—101,	, bollom, Name	(22 2)					SURVEY MADE
37/A	THE TOTAL	1 00 00						1	TAC
N/A	WELL P&A						V	27. W/	yes
Contract to	of the second second	- Lakio	mus	C				,	40 ·
S.		CALL TO THE TOTAL TO THE T	NG RECORD (A	Report all string	s set in	well)		<u></u>	
CASING SIZE	WEIGHT, LB./			HOLE SIZE			G RECORD		AMOUNT PULLED
9-5/8"	36#		221' 1	ا' <u>کائے''</u>	1	25 sx			
4-1/2"	11.6#	6		-7/8"	-1	00 sx	·····	·	
							· .		
29.		LINER RECORD				30.	TUBING REC	ORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (M	(D)	SIZE	DEPTH SET (1	MD)	PACKER SET (MD)
						N/A			
					İ			<u> </u>	
31. PERFORATION REC	ORD (Interval, 81:	te ana number)		32.			CTURE, CEMEN		
;				DEPTH IN		(MD)	AMOUNT AND KI	ND OF M	ATERIAL USED
N/A	•			N/A	1				
		. *							
							<u> </u>		
33.*			PR	RODUCTION					· · · · · ·
ATE FIRST PRODUCT	ION PRODU	CTION METHOD (F	lowing, gas lift,	, pumping—size	and ty	pe of pump)			(Producing or
NONE		4					876	ut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR			GAS-MCF.	WATER-BE	L.	GAS-OIL BATIO
					-				
PLOW, TUBING PRESS.	CASING PRESSUI	E CALCULATED 24-HOUR RATE	OIL—BBL.	GAS	-MCF.	WATE	R—BBL.	OIL GR	AVITY-API (CORR.)
34. DISPOSITION OF G	AB (Sold, used for	fuel, vented, etc.)	<u> </u>				TEST WITH	SSED BY	
		·							
35. LIST OF ATTACH	MENTS			,					
36. I hereby certify	that the force-	m and assessment to	dormation to	malaka c=d c	.aab	disc	11 11-51·	*****	
I Mereny Certify	A H	is and attached in	TOITHWING IS CO	mbrere and coll	ect As	aetermined ito	un ali avaliadie	records	
SIGNED W	If Look		TITLE I	PRODUCTION	N ENG	INEER	DAT	E _2-	17-82
W. A	GOODEN								

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 22974
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: CIGE 82D
2. NAME OF OPERATOR: KERR-McGEE OIL & GAS ONSHORE LP	9. API NUMBER: 4304730864
3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
P.O. BOX 173779 CITY DENVER STATE CO ZIP 80127 (720) 929-6100	Natural Buttes
FOOTAGES AT SURFACE: 524' FSL & 2261' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
✓ NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
2/16/2010 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	<u>—</u>
O SUPPLIENT DEPORT	VENT OR FLARE
(Submit Original Form Only)	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume METHANE GAS WAS FOUND BUBBLING OUT OF THE CASING STUB ON THIS PLUG A	
LOCATION.	
THE OPERATOR REQUESTS AUTHORIZATION TO RE-CEMENT IN ORDER TO PREVE SURFACE. ATTACHED TO THIS SUNDRY IS THE PROPOSED PLUG AND ABANDON PI	
	COPY SENT TO OPERATOR
	Date: 3 · 1 · 20 10
P. P	Initials: KS
	25 Saprications
NAME (PLEASE PRINT) ANDY LYTLE TITLE REGULATORY A	NALYST
SIGNATURE DATE DATE 2/10/2010	
OF UTAH DIVISION OF	RECEIVED
OF UTAH DIVISION OIL, GAS, AND MINING	FEB 1 1 2010
DATE	
BY: See Conditions of Approval (Attached) (See Instructions on Reverse Side)	DIV. OF OIL, GAS & MINING

CIGE 82D 524' FSL & 2261' FWL NE NW S20-T10S-R22E Uintah County, UT

GLE: 5289' **TD:** 6001'

API NUMBER:

43-047-30864

LEASE NUMBER: ML-22974

PBTD: 0'

CASING:

12 1/4" hole

9 5/8" 36# K-55 @ 221'

Cemented w/ 125sx, 5bbl to surface

8 3/4" & 7 7/8" hole

4 1/2" 11.6# N-80 @ 6001'

Cemented w/ 800 sx 50/50 Poz, 1300 sx 50/50 Pox.

TUBING:

No tubing in hole.

Tubular/Borehole	Drift	Collapse	Burst	Capacities			
	inches	psi	Psi	Gal./ft.	Cuft/ft.	Bbl./ft.	
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155	
9 5/8" 36# K-55	8.765	2190	4160	3.2470	0.43409	0.0133	
Annular Capacities				· · · · · · · · · · · · · · · · · · ·			
4.5" csg X 9 5/8" 36#	oed			2.4205	0.3236	0.05763	
4.5" csg X 7.7/8 boreh	1.7039	0.2278	0.04057				
9.5/8" csg X 12 1/4" b	2.3423	0.3131	0.05577				

WELL HISTORY:

- Spud on 9/8/1981.
- Lost circulation at 1336'.
- Perf'd Wasatch from 4993-5625'.
- Completed 12/29/1981.
- Found to be unproductive.
- Plugged well 1/23/1982
- Plugs at 5750-5500 -20x, 5300-4900 -35sx, 4350-4100 -20sx, 1700-1450 -20sx, 3-300 -25sx
- Methane gas found bubbling out of casing stub on location

CIGE 82D PLUG & ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SOUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: A maximum of 190 sx Class "G" cement needed for procedure

- 1. CUT CASING BELOW SURFACE TO POINT WHERE BOP IS ABLE TO LATCH ON.
- 2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
- 3. DRILL UP TOP CEMENT PLUG (3'-300') AND TO TOP OF NEXT CEMENT PLUG AT 1450'.
- 4. PRESSURE TEST PRODUCTION CASING TO 500PSI.
- 5. RUN CBL TO DETERMINE IF THERE IS SUFFICIENT CEMENT BEHIND PROD CSG F/ 1450' SURFACE.
- 6. IF THERE IS SUFFICIENT CEMENT AND PRESSURE TEST IS GOOD, RESET CEMENT PLUG FROM 3'-300' WITH 25 SX & GO TO STEP 12
- 7. IF THERE IS INSUFFICIENT CEMENT BEHIND PRODUCTION CASING, PERFORATE AT 1400'
- 8. SET CEMENT PLUG FROM 1400'-1150' BEHIND (55 SX) AND INSIDE PRODUCTION CASING (20 SX).
- 9. REVERSE CIRCULATE OUT CEMENT AND POOH.
- 10. PERFORATE AT 300'.
- 11. SET CEMENT PLUG FROM 300'-0' BETWEEN SURFACE & PRODUCTION CASING (90 SX) AND INSIDE PRODUCTION CASING (25 SX).
- 12. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.
- 13. INSTALL MARKER PER BLM GUIDELINES



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number:

CIGE 82D

API Number:

43-047-30864

Operator:

Kerr McGee Oil & Gas Onshore, L.P.

Reference Document:

Original Sundry Notice dated February 10, 2010,

received by DOGM on February 11, 2010.

Approval Conditions:

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
- 2. IF pressure test is good and CBL shows good cement, call Division to discuss other options before proceeding as outlined in Step #6.
- 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.
- 4. Surface reclamation shall be done in accordance with R649-3-34 Well Site Restoration.
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.

7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet

Petroleum Engineer

February 25, 2010 Date



YV CI	inore Dia	gram				1203
API Well No: 43-047-30864-00-00 Permit No:		Well Name	e/No: CIGE	E 82D-20-10	-22	
Company Name: CIG EXPLORATION INC						
Location: Sec: 20 T: 108 R: 22E Spot; NENW	String Info	armation				
Coordinates: X: 631221 Y: 4422041	_	Bottom	Diameter	Weight	Length	Capacit
Field Name: NATURAL BUTTES	String	(ft sub)	(inches)	(lb/ft)	(ft)	Capacit (t/cf)
Carrete Name: NATURALI	HOL1	221	12.25			
County Name: UINTAH	SURF	221	9.625	36		
Proposed Pist	HOL2	6000	7.875			A
(OUT) 300'/(1-15)(3.090) = 0	PROD	6000	4.5	11.6		11-457
Field Name: NATURAL BUTTES County Name: UINTAH Proposed Play # 2 Cement from 221 ft. to surface Surface: 9.625 in. @ 221 ft. Hole: 12.25 in. @ 221 ft.	(95/8"	X 4/2")				11.45°
Surface; 9.625 in, @ 221 ft. 10 300 / (1.75) (1.45	9)-003:	.16)-
Hole: 12.25 in @ 221 ft.	Dase 255x				totlar	10
300'	100-3246	0.1		53	- /1/2	
0. #1						
150 Proposed Plag #1						
(1 1400 . 12 (55 VIIS) (3090)=	145					
1450 propose to 1150	Cement In	formation				
1150 Proposed Plag # 1 1450 Proposed Plag # 1 150 P	200	BOC	TOC			
1 (Sorr) (1-15) (1-159)	Cb.5 String	(ft sub)	(ft sub)	Class	Sacks	
1700	PROD	6000		50	800	
	PROD	6000		PC	1300	
	SURF	221	0	UK	125	
	Perforatio Top (ft sub)	n Informatio Bottom (ft sub)		Ft No SI	nts Dt Squ	eeze
	4993	5625				
		•				
4100						
	Formation	Information	n			
4 7	Formatio		-			
43.10	UNTA	0				
1	GRRV	1482				
(((((((((((((((((((WSTC BMSW	4248 5300				
¥ 54993	DIVISW	3300				
Cement from 6000 ft,					у. е	and the same
Production: 4.5 in. @ 6000 ft.						
V 75425						
Hole: 7.875 in. @ 6000 ft.						
57501						
TD: 6000 TVD: PBTD:						
The state of the s						

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deapen existing wells below current bottom-hole depth, reserver plugged wells, or to drill himself but the form for proposals to drill new wells, significantly deapen existing wells below current bottom-hole depth, reserver plugged wells, or to drill himself but the form for proposals to drill new wells, significantly deapen existing wells below current bottom-hole depth, reserver plugged wells, or to drill himself but the form for proposals to drill new wells, significantly deapen existing wells below current bottom-hole depth, reserver plugged wells, or to drill himself but the form for proposals to drill new wells, significantly deapen existing wells below current bottom-hole depth, reserver plugged wells, or to drill himself but the form for proposals to drill new wells, significantly deapen existing wells below current bottom-hole depth, reserver plugged wells, or to drill himself but the form for proposals to drill new wells, significantly deapen existing wells below current bottom-hole depth, reserver plugged wells, or to drill himself but the form of proposals to drill new wells, significantly deapen existing wells below current bottom-hole depth, reserver plugged wells, or to drill himself but the form of proposals. I was considered and the form of proposals to drill proposal to	•	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 22974		
Do not use this form for proposals to drill new wells, significantly depose aciding wells below current bottom-hole depth, renter plugged wells, or to drill hortowilal lateratis. Use APPEI/CATION FOR PERMIT TO DRILL form for such proposals. TYPE OF WELL OIL WELL GAS WELL OTHER OTHER OTHER OTHER ORANGE OF OPERATOR: NAME OF OPERATOR: NAME OF OPERATOR: NAME OF OPERATOR: NAME OF OPERATOR: NATURABER: LOCATION OF WELL FOOTAGES AT SURFACE: 524' FSL & 2261' FWL CUCATION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E STATE: UTAH 1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION NOTICE OF INTENT (Submit in Duplicable) ALTER CASING ALTER CASING ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CHANGE TO BING CHANGE TO PREVIOUS PLANS OPERATOR CHANGE PLUG BACK WATER DISPOSAL WATER DISPOSAL VENT OR FLARE VALUE AND POOL OR MILDCAT: NATURAL BURDAN NOTICE OF INTENT (Submit in Duplicable) CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR UNDICATE NAME on bruch plugged wells, or to deal work will start: CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR VENT OR FLARE VALUE AND POOL OR MILDCAT: NATURAL BACK OUNTY: UINTAH 1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION REPERFORATE CURRENT FORMATION ACIDIZE OFRACTOR CHANGE TUBING REPAIR VENT OR FLARE VALUE AND ADD ADD ADD ADD ADD ADD ADD ADD ADD	SUNDRY	NOTICES AND REPORTS ON W	ELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
OIL WELL GAS WELL OTHER CIGE 82D NAME OF OPERATOR: P.O. BOX 173779 OITY DENVER STATE CO ZIP 80127 (720) 929-6100 Natural Buttes LOCATION OF WELL FOOTAGES AT SURFACE: 524' FSL & 2261' FWL QTRIQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 20 10S 22E STATE: UTAH 1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DESCRIBE OF INTENT SUBMISSION REPAIR NEW CONSTRUCTION REPERFORATE CURRENT FORMATION Approximate date work will start CASING FRAJER NEW CONSTRUCTION TEMPORARILY ABANDON SUBSEQUENT REPORT CHANGE TUBING PLUG BACK WATER SHUT-OFF USUMIT OF OWN OF THE PORT OF COMMINGLE PRODUCING FORMATIONS RECLAMATION (SUBMIT REPORT) (Submit of Diginal Form Only) Date of work completion: 9/23/2010 COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR HAS CONCLUDED THE RE-CEMENTING OPERATIONS ON THIS PLUGGED AND ABANDONED WELL THE OPERATOR HAS CONCLUDED THE RE-CEMENTING OPERATIONS ON THIS PLUGGED AND ABANDONED WELL	Do not use this form for proposals to drill n drill horizontal la	7. UNIT or CA AGREEMENT NAME:				
KERR-McGEE OIL & GAS ONSHORE LP ADDRESS OF OPERATOR: ADDRESS OF OPERATOR: CITY DENVER STATE CO ZIP 80127 DENVER STATE CO ZIP 80127 DENVER STATE CO ZIP 80127 PHONE NUMBER: (720) 929-6100 Natural Buttes 10. FIELD AND POOL, OR WILDCAT: Natural Buttes Natural Buttes TOTAGES AT SURFACE: 524' FSL & 2261' FWL COUNTY: UINTAH COUNTY: UINTAH COUNTY: UINTAH 1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL APPROVAMENT OF PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR HAS CONCLUDED THE RE-CEMENTING OPERATIONS ON THIS PLUGGED AND ABANDONDED WELL TO STATE OF INTENT (CASING REPAIR OF PROPOSED AND ABANDON OF PLUGGED AND ABANDONED WELL TO FIRST OF THE ABOND OF THE PROPOSED ON THIS PLUGGED AND ABANDONED WELL THE OPERATOR HAS CONCLUDED THE RE-CEMENTING OPERATIONS ON THIS PLUGGED AND ABANDONED WELL	TYPE OF WELL OIL WELL	GAS WELL 🗹 OTHER				
ADDRESS OF OPERATOR: P.O. BOX 173779 CITY DENVER STATE CO ZIP 80127 DENVER STATE COUNTY: UINTAH COU		S ONSHORE LP		i e		
TYPE OF SUBMISSION ACIDIZE A	ADDRESS OF OPERATOR: P.O. BOX 173779 CIT			10. FIELD AND POOL, OR WILDCAT:		
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION NOTICE OF INTENT		SL & 2261' FWL		COUNTY: UINTAH		
TYPE OF SUBMISSION NOTICE OF INTENT (Submit in Duplicate)	QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: NENW 20 10S 22E				
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE TUBING CHANGE TUBING CHANGE WELL NAME CHANGE WELL NAME PLUG AND ABANDON CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: THE OPERATOR HAS CONCLUDED THE RE-CEMENTING OPERATIONS ON THIS PLUGGED AND ABANDONED WELL REPERFORATE CURRENT FORMATION TEMPORARILY ABANDON TEMPORATION CHECK APPI	ROPRIATE BOXES TO INDICATE NATUR	RE OF NOTICE, REPC	ORT, OR OTHER DATA			
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SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/23/2010 CHANGE WELL NAME PLUG BACK WATER DISPOSAL WATER SHUT-OFF COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: RECOMPLETE - DIFFERENT FORMATION DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. HE OPERATOR HAS CONCLUDED THE RE-CEMENTING OPERATIONS ON THIS PLUGGED AND ABANDONED WELL	(Submit in Duplicate)	ALTER CASING FRACT CASING REPAIR NEW C	CONSTRUCTION	SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON		
HE OPERATOR HAS CONCLUDED THE RE-CEMENTING OPERATIONS ON THIS PLUGGED AND ABANDONED WELL	(Submit Original Form Only) Date of work completion:	CHANGE WELL NAME PLUG I CHANGE WELL STATUS PRODU COMMINGLE PRODUCING FORMATIONS RECLA	BACK JCTION (START/RESUME) MATION OF WELL SITE	WATER DISPOSAL WATER SHUT-OFF OTHER:		
	HE OPERATOR HAS C	ONCLUDED THE RE-CEMENTING OPER	ATIONS ON THIS PLU	JGGED AND ABANDONED WELL		

(This space for State use only)

NAME (PLEASE PRINT)

SIGNATURE

ANDY LYTLE

RECEIVED

REGULATORY ANALYST

9/28/2010

OCT 11 2010

TITLE

CIGE 82D

REPORT

9/20/2010

MOVE IN, DIG OUT GSG 4', SET ANCHORS, CALL CAMERON, C/O CSG, SET CSG HEAD. CEMENT AROUND 9 5/8" SURFACE ABOUT 2' DWN ABOUT 1' THICK, GREEN, NOT SET UP, CUT OFF 9 5/8" CSG, EXPOSED 4 1/2" CSG, HAD METHANE GAS IN 4 1/2", RAG WAS STUFFED IN TOP OF 4 1/2" CSG. WITH CEMENT ON TOP. WAIT FOR CAMERON TO MOUNT CSG HEAD, NOT SURE WHERE GAS WAS COMING FROM, 4 1/2" CSG OR OUTSIDE 9 5/8" SURFACE. NO SIGN OF GAS AT SURFACE AT THIS TIME.

9/21/2010

RIG DWN FOR NEW STARTER, PWR SWIVEL WON'T START, HOT SHOT SWIVEL FROM VERNAL. RU, PU 3 7/8" BIT, BIT SUB, 1 DC, RIH 4 1/2" CSG. KB 7', RIH TO 12' 7" TAG CEMENT, 5' 7" INSIDE 4 1/2" CSG DRILL 10', FELL THRU, DROP 30', TAG DRILL 3' FALL THRU, PATCHEY CEMENT TO 190', SWIFN.

9/22/2010

CONTINUE DRILLING CEMENT, POOH PU 3 MORE DC, RIH TO DRILL HARD CEMENT FROM 190' TO 419.68'. FELL THRU, RIH TO 1358.69', TAG CEMENT, BREAK CIRC WITH 30 BBLS TMAC, LAY DWN 4 DC'S, 4 JTS TBG, BIT SUB, BIT, STD BACK 17 STDS TBG, RU CUTTERS RUN CBL, 1353', RD CUTTERS, SWIFN. CBL SHOWED GOOD CEMENT BOND 1353' TO 580'.

9/23/2010

RU CUTTERS, PU GUN, RIH TO 300', PERF 4 SHTS PER FT, POOH, RD CUTTERS, RD RIG, MOVE RIG, DIG OUT AROUND 9 5/8" CSG BELOW SURFACE, CUT-OFF CSG, WELD CAP WITH NIPPLE, 2" VALVE, ON 4 1/2" CSG, RU PRO PETRO, BREAK CIRC TO SURFACE WITH TMAC, PUMP 290 SX CEMENT TO SURFACE UP 9 5/8" CSG. RD PRO PETRO, CUT OFF 4 1/2" PLATE FILL CSG, WITH CEMENT, CAP WELL, BACK FILL.

N 40 DEGREES 00' 45.0" W 109 DEGREES 27' 26.5" ELEV 5264'